

ABSTRACT

The clarifier of the present invention includes a tank, an influent pier, and a FEDWA. The tank that includes a bottom and a wall. The influent pier projects upwardly from the bottom of the tank along an axis. The influent pier includes ports that direct flow of the solution outwardly from the influent pier. The FEDWA separates the flow of the solution that is discharged by the ports and that flows into the tank. The separated flow of the solution includes a first flow portion that is directed in a first direction that is generally tangential with respect to the axis of the influent pier, a second flow portion that is directed in a second direction that is opposite to the first direction of the first flow portion, and a third flow portion that is directed in a third direction toward the axis.

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